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1. A stent, in particular a coronary stent, having a coating (6, 18), characterised in that the coating (6, 18) is of an irregular nature.

2. A stent as set forth in claim 1 wherein the coating (6, 18) is irregular in respect of its thickness.

3. A stent as set forth in claim 2 wherein the coating (6, 18) is completely missing at at least one location on the surface (4) of the stent.

4. A stent as set forth in claim 3 wherein the coating (6, 18) is interrupted in a grid-like pattern.

5. A stent as set forth in one of the preceding claims wherein the coating (6, 18) is provided in the form of coating islands (18) on the surface of the stent.

6. A stent as set forth in claim 5 wherein the coating islands (18) are of a substantially round configuration.

7. A stent as set forth in one of claims 5 and 6 wherein the coating islands (18) are all of substantially the same size.

8. A stent as set forth in one of claims 5 through 7 wherein the coating islands (18) in regions (12, 14, 16) involving a greater degree of local stretching of the stent surface (4) upon stretching of the stent are arranged at a greater mutual spacing than in regions (8, 10) involving a lesser degree of local stretching of the stent surface (4).

9. A stent as set forth in one of claims 5, 6 and 8 wherein the coating islands (18) in regions (12, 14, 16) involving a greater degree of local

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stretching of the stent surface (4) are smaller than in regions (8, 10) involving a lesser degree of local stretching of the stent surface (4).

10. A stent as set forth in claim 9 wherein the mutual spacings of the coating islands (18) are substantially the same everywhere.

11. A stent as set forth in one of the preceding claims wherein the coating (6, 18) comprises biocompatible material.

12. A stent as set forth in one of the preceding claims wherein the coating contains amorphous silicon carbide (a-SiC), hydrogenated amorphous silicon carbide (a-SiC:H) and/or gold.

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